## REMARKS/ARGUMENTS

Claims 1-16, 18-20 and 22-27 are pending in this application.

### I. Allowable Subject Matter

It is noted that claim 16 is not rejected over art in the Office Action. Thus, it is assumed, for purposes of this reply, that claim 16 defines patentable subject matter.

### II. Rejections Under 35 U.S.C. §103(a)

The Office Action rejects claims 1, 2, 4, 5, 7, 9, 10, 21 and 25-27 under 35 U.S.C. §103(a) over He in view of Bonnaure, and in further view of U.S. Patent No. 6,820,157 to Eide et al. (hereinafter "Eide"). Claim 21 was cancelled in the Amendment filed on December 10, 2007. The rejection, in so far as it applies to claims 1, 2, 4, 5, 7, 9, 10 and 25-27, is respectfully traversed.

Independent claim 1 is directed to a method for accessing the Internet using an Internet TV in an Internet TV system comprising the Internet TV, in which a function of accessing the Internet and a function of receiving a TV broadcast are combined, and a server for operating a portal site which provides information to the Internet TV. The method includes transmitting a message from the Internet TV to the server requesting authentication for use of information during a current session, transmitting a message from the server requesting an authentication number from the Internet TV, and transmitting the requested authentication number from the Internet TV to the server if the authentication number is available, checking a validity of the transmitted authentication number, and providing information to the Internet TV for the current

session if it is determined that the authentication number is valid. The method also includes requesting a new authentication number from the server if the authentication number is not available, registering a user in accordance with information collected by the server, receiving a new authentication number from the server, and providing information to the Internet TV for use during the current session, and storing the new authentication number in a memory device of the Internet TV for use during a later session, wherein the new authentication number is a combination of at least one of a model name, a manufacturing year or a manufacturing month of the Internet TV.

Independent claim 2 is also directed to a method for accessing the Internet using an Internet TV. The method includes transmitting a message requesting authentication for use of information to a portal server and transmitting a response from the portal server requesting transmission of an authentication number when the Internet TV is turned on. The method also includes determining if the authentication number requested by the portal server is available and transmitting the authentication number to the portal server if the requested authentication number is already available, and combining at least one of a model name, a manufacturing year, or a manufacturing month of the Internet TV to generate an authentication number and transmitting the authentication number to the Internet TV for storage if the authentication number is not already available, and transmitting information related to the message requesting authentication for use of information from the portal server to the Internet TV.

Independent claim 7 is also directed to a method for accessing the Internet using an

Internet TV. The method includes requesting a portal server to obtain an authentication number when the portal server receives an access request message from an Internet TV with respect to the use of information during a current session, transmitting a new authentication number from the portal server to the Internet TV if the authentication number is not provided by the Internet TV, wherein the new authentication number is established based on additional information collected by the portal server after the portal server receives the access request message if the authentication number is not provided by the Internet TV, and wherein the new authentication number is generated by combining at least one of a model name, a manufacturing year or a manufacturing month of the Internet TV, providing information related to the access request message with respect to the use of information to the Internet TV in response to the received access request message, and storing the new authentication number in a memory device of the Internet TV for use during a later session.

As acknowledged in the Office Action, He and Bonnaure, either alone or in combination, neither disclose nor suggest each of the features recited in independent claims 1, 2 and 7, or the respective claimed combinations of features.

More specifically, He discloses a system in which an authentication server 202 validates a user registration (S406), and a credential server 204 checks precision of the user's credentials (S408). These results are screened (S410), and information flows between accessible network elements 102 and the user (S412). To perform an initial login, the user enters an ID and password (S602), the ID and password are authenticated (S604), and an access list is constructed

for that user (S608). A general ticket is issued to allow access to the network elements 102 in the access list (S610, S612), and a session ticket and a session encryption key is issued to allow access to a selected element 102 during that session (S706, S708). Upon logging out, the general ticket, the session ticket, and the session encryption key are destroyed, and the process must be repeated for later access. He neither discloses nor suggests that any of the issued tickets are stored in a memory device for use during a later session, as recited in independent claims 1, 2 and 7.

The Office Action asserts that He discloses storing a new authentication number in a memory device for use during a later session at column 2/lines 36-46. However, He discloses that a new general ticket is issued at each log on, and that this general ticket is valid for presentation to all of the different network elements 102 included in the access list during one particular log-on session, so that a new authentication does not have to be conducted each time a new network element 102 is to be accessed during the same session. He discloses that, when a user logs out, all of the tickets, including the general ticket, are destroyed to protect the integrity of the disclosed security system. He specifically discloses that the use has to log on again, and obtain a new general ticket for new access requests (see column 28/lines 34-41, and in particular lines 39-41, of He).

Thus, He neither discloses nor suggests any of the issued tickets are stored in a memory device for use during a later session, as recited in independent claims 1, 2 and 7. Further, He neither discloses nor suggests that any one of the general ticket, the session ticket or the session

encryption key is generated by combining at least one of a model name, a manufacturing year, or a manufacturing month of the Internet TV.

Bonnaure is merely cited in the Office Action as allegedly teaching an Internet TV in Figure 5, and thus fails to overcome the deficiencies of He. Additionally, as set forth in previous replies, Bonnaure discloses an ISDN modem connected to a standard TV that uses standard telephone lines and/or other residential communication networks as a transport medium. Bonnaure very clearly neither discloses nor suggests an Internet TV in which a function of accessing the Internet and a function of receiving a TV broadcast are combined.

Eide is merely cited as allegedly teaching the combination of various identifiers, and thus fails to overcome the deficiencies of He and Bonnaure.

Accordingly, it is respectfully submitted that independent claims 1, 2 and 7 are allowable over the applied combination, and thus the rejection of independent claims 1, 2 and 7 under 35 U.S.C. §103(a) over He, Bonnaure and Eide should be withdrawn. Dependent claims 5, 9, 10 and 25-27 are allowable at least in view of their respective dependency from independent claims 1, 2 and 7, as well as for their added features.

The Office Action rejects claims 1-4, 7-10, 14, 20 and 22-27 under 35 U.S.C. §103(a) over Bonnaure in view of Nobakht. The rejection is respectfully traversed.

The features of independent claims 1, 2 and 7 are set forth above. As set forth above and as acknowledged in the Office Action, Bonnaure alone neither discloses nor suggests each of the features of independent claims 1, 2 and 7.

Bonnaure discloses a central routing device that allows a standard residential TV, which is not an internet enabled TV, to act as a monitor through which access requests may be viewed. As shown in Figures 6-7 of Bonnaure, an offsite, central WebTV server 620 hosts a plurality of WebTV clients 610 which may be accessed through a node 710 and/or a network 612 (such as the Internet). Each client 610 is essentially a set top box that uses the standard TV to which it is connected as a display monitor for data that is received through the client 610. Each client 610 may include a client box ID 842, an encryption key storage area 844, and a network address storage area 846, and may communicate with the server 620 through a network interface 840 and a communication channel 852. Automatic number identification (ANI) may be used to identify each client 610 as access is requested.

The Office Action asserts that Bonnaure discloses storing a new authentication number in a memory device for use during a later session at column 7/lines 24-42. However, Bonnaure simply discloses that that the storage areas 844 and 846, which are part of the WebTV client set top box 610, and not the standard TV, do not store an authentication number for use during a later session. Rather, the encryption key storage area stores information related to decryption of an encryption key that is newly presented at the beginning of a session with a particular client 610. The network address storage area 846 stores network addresses of the various clients 610. Bonnaure discloses that automatic number identification (ANI) may be used to identify each client 610 as access is requested. However, Bonnaure also discloses that ANI verification should be done with each activation, and also periodically to ensure the client box is not being used by

an unauthorized telephone number (see column 12.lines 5-16 of Bonnaure). Thus, Bonnaure necessarily neither discloses nor suggests that authentication numbers are stored in a memory device of such an Internet TV, let alone for use during a later session, as recited in independent claims 1, 2 and 7.

Further, it would not have been obvious to modify Bonnaure's system to use an Internet TV instead of the disclosed standard TV and interface device. Bonnaure clearly discloses that an interface device used with a standard TV and standard telephone lines has been selected so that the system may be widely implemented without requiring replacement of existing TVs to provide for access to the WebTV server 620. Rather, it is respectfully submitted that Bonnaure teaches away from such a modification, which would increase cost and complexity and make wide implementation more difficult without replacement of significant amounts of equipment in users' homes.

Further, Nobakht is merely cited as allegedly teaching the combination of various identifiers, and thus fails to overcome the deficiencies of Bonnaure.

Accordingly, it is respectfully submitted that independent claims 1, 2 and 7 are allowable over the applied combination, and thus the rejection of independent claims 1, 2 and 7 under 35 U.S.C. §103(a) over Bonnaure and Nobakht should be withdrawn. Dependent claims 3, 4, 8-10, 14, 20 and 22-27 are allowable at least in view of their respective dependency from independent claims 1, 2 and 7, as well as for their added features.

The Office Action rejects claims 5, 6, 11-13, 18 and 19 under 35 U.S.C. §103(a) over Bonnaure in view of Dorfman. The rejection is respectfully traversed.

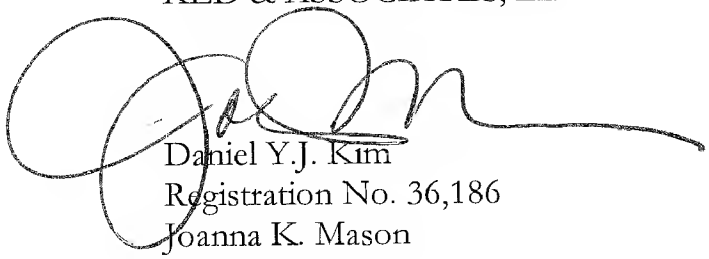
Dependent claims 5, 6, 11-13, 18 and 19 are allowable over Bonnaure at least in view of their respective dependency from independent claims 1, 2 and 7, as well as for their added features. Further, Dorfman is merely cited as allegedly teaching examination of encryption keys, and thus fails to overcome the deficiencies of Bonnaure. Accordingly, it is respectfully submitted that claims 5, 6, 11-13, 18 and 19 are allowable over the applied combination, and thus the rejection of claims 5, 6, 11-13, 18 and 19 under 35 U.S.C. §103(a) over Bonnaure and Dorfman should be withdrawn.

## III. Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned, **Joanna K. Mason**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
KED & ASSOCIATES, LLP



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